

DECI Report



STORMWATER MANAGEMENT COMMISSION

FILE COPY

Field Observation Report

WDO Permit #	<del>4407</del> Vol-01-111	USACE Reference #	
Date/Time of Inspection	May 2, 2008 - 3:30pm	Observer/DECI:	Mike Shrake
Community	Antioch	Enforcement Officer	Village of Antioch
Project Name	Tim Osmond Sports Complex		
Field Contact Information			
Address/Location	Depot Street		

In Attendance	none		
Weather Conditions:	60 and rain	Reason for Inspection	<input type="checkbox"/> weekly <input checked="" type="checkbox"/> rain <input type="checkbox"/> other
Disturbed Area	<1 acre	Stage of Construction	Final Stabilization
Floodplain Impacted	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Floodway Impacted	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wetland Impacted	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Violation Observed	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Violation Correction Time	<input type="checkbox"/> 1 day <input type="checkbox"/> 10 day <input type="checkbox"/> 30 day	Violation Rating	0 - No Violation
Water Sample Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Photos Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Follow up Needed		Next Site Visit	
		Copy To:	smc

Construction Entrance/Pavement	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A	Detention/Sediment Basin Condition	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A
Dewatering Facility	<input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input checked="" type="checkbox"/> N/A	Ditch Checks/Silt Dikes	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A
Dust Control	<input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input checked="" type="checkbox"/> N/A	Inlet Protection	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A
Native Vegetation	<input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A	Overland Flow/Offsite Drainage Paths	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A
Perforated Riser	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A	Perimeter SE/SC Controls	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A
Restrictor Plate/Structure	<input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input checked="" type="checkbox"/> N/A	Silt Fence	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A
Soil Stockpile Stabilized/Protected	<input type="checkbox"/> Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A	Stabilization Measures	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A
Stormwater System	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A	Wetlands/Waters Protection Measures	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory <input type="checkbox"/> N/A

Observations: Complaint was received 1:30 p.m. about milky colored creek. Site has many small areas that need to be stabilized but all bmp's are still in place. No discharge was noticed with a small amount of water retained in the basin. Perforated riser installed in one of the two 30 inch outlet pipes, other pipe was blocked but is currently open as the plywood has fallen down. Contractor shall be advised to re-establish a block in that pipe until total stabilization takes place. Two small stockpiles on site need to be removed and area stablized. With planting season starting in two weeks contractor needs to be notified about schedule if not done already.

<p><b>Detention Basin – Sediment Basin</b></p> <ul style="list-style-type: none"> <li>• Is the basin installed?</li> <li>• Is the basin adequately stabilized?</li> <li>• Is there evidence of sufficient coverage of native vegetation?</li> <li>• Is the emergency overflow constructed with the required materials?</li> </ul>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<p><b>Dewatering</b></p> <ul style="list-style-type: none"> <li>• Is dewatering directly entering a waterway or wetland?</li> <li>• Are dewatering activities conveying sediment laden water?</li> <li>• Are appropriate dewatering BMP's in place and functioning effectively?</li> <li>• If a sediment bag is being used, is it capturing sediment effectively?</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<p><b>Dust Control –</b> sweeping, vacuuming, spraying, etc.</p> <ul style="list-style-type: none"> <li>• Are dust control measures being used as needed?</li> <li>• Is dust observed moving offsite due to wind?</li> <li>• Are roadways being swept or swept and vacuumed when needed?</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<p><b>Inlet Protection –</b> Catch-All basket, filter, silt fence, silt dike, straw bales, gravel dam, etc.</p> <ul style="list-style-type: none"> <li>• Are all storm sewer inlets that are or will be functional during construction protected?</li> <li>• Is the inlet protection installed correctly to protect the entire inlet?</li> <li>• Is the inlet protection being maintained?</li> </ul>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<p><b>Miscellaneous</b></p> <ul style="list-style-type: none"> <li>• Is there an adequately sized receptacle on site for deposition of construction material debris?</li> <li>• Is there a dedicated, protected area for concrete wash out activities?</li> <li>• Are the permitted plans available on site? The Stormwater Pollution Prevention Plan (SWPPP)?</li> <li>• If polymers are used, are they being used appropriately in an approved manner?</li> <li>• Have any SE/SC measures that are no longer needed been removed?</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<p><b>Overland Flow – Offsite Drainage</b></p> <ul style="list-style-type: none"> <li>• Are all permitted overland flow routes constructed?</li> <li>• Are all permitted overland flow routes free from obstruction?</li> <li>• Are all permitted overland flow routes stabilized?</li> <li>• Are all pre-construction overland flow routes protected?</li> <li>• Are all pre-construction overland flow routes free from obstruction?</li> <li>• Are all points of offsite drainage (ie. water leaving the site) stabilized?</li> <li>• Are all points of offsite drainage protected from erosion and sedimentation?</li> </ul>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<p><b>Perforated Riser</b></p> <ul style="list-style-type: none"> <li>• Is the perforated riser installed at the outlet?</li> <li>• Is the perforated riser sized correctly (one pipe size smaller than the outlet pipe)?</li> <li>• Is the perforated riser wrapped in hardware cloth or chicken wire, and filter fabric?</li> <li>• Is the perforated riser adequately mortared in?</li> <li>• Is there an adequate amount of stone at the base of the riser?</li> </ul>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<p><b>Perimeter SE/SC Controls</b></p> <ul style="list-style-type: none"> <li>• Are all perimeter soil erosion/sediment controls in place and maintained?</li> <li>• Are adjacent wetlands/waters/properties being impacted by SE/SC failures?</li> </ul>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

<p><b>Restrictor Plate – Restrictor Structure</b></p> <ul style="list-style-type: none"> <li>Is the restrictor plate or restrictor structure installed?</li> <li>Is the opening(s) or pipe size in the restrictor plate or restrictor structure appropriately sized?</li> </ul>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>
<p><b>Silt Fence</b></p> <ul style="list-style-type: none"> <li>Does the silt fence meet the AASHTO 288-00 Standard?</li> <li>Is the silt fence trenched in properly?</li> <li>Is the silt fence backfilled and compacted?</li> <li>Is the silt fence maintained and in good condition?</li> <li>Is silt fence installed in all areas shown on the permitted plans and in all areas necessary?</li> </ul>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>
<p><b>Site Stabilization</b></p> <ul style="list-style-type: none"> <li>Have all disturbed areas been stabilized with temporary or permanent measures within 14 days of the end of active hydrologic disturbance?</li> <li>Are stabilization measures effective?</li> <li>Are there areas of disturbance that need additional stabilization measures?</li> </ul>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A  <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>
<p><b>Soil Stockpile</b></p> <ul style="list-style-type: none"> <li>Is the soil stockpile located in an approved location (ie. not in floodplain or wetland)?</li> <li>Is the soil stockpile adequately stabilized?</li> <li>Is the soil stockpile properly enclosed with silt fence?</li> </ul>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>
<p><b>Stormwater Management System</b></p> <ul style="list-style-type: none"> <li>Is the stormwater management system installed and functional, prior to building construction?</li> <li>Are all points of concentrated discharge appropriately installed for energy dissipation?</li> <li>Are all inlets and catch basins adequately protected from sediment conveyance into the system?</li> <li>Is hydrocarbon removal technology in place, functional and maintained where needed?</li> </ul>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>
<p><b>Temporary Construction Entrance</b></p> <ul style="list-style-type: none"> <li>Are all ingress and egress points covered by a temporary construction entrance?</li> <li>Is the entrance constructed with 3" coarse aggregate?</li> <li>Has an appropriate geotextile material been installed underneath the stone?</li> <li>Is the entrance appropriately sized, both in width and length?</li> <li>Is the entrance adequately preventing tracking of dirt, mud, and sediment onto roadways?</li> </ul>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>
<p><b>Triangular Silt Dike</b></p> <ul style="list-style-type: none"> <li>Are triangular silt dikes installed in all locations shown on the permitted plan set?</li> <li>Are the triangular silt dikes pinned or otherwise secured on the upstream side?</li> <li>Are the triangular silt dikes spaced appropriately, ie. the top of the downstream unit should be at the same elevation as the bottom of the unit immediately upstream?</li> </ul>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>
<p><b>Wetlands and Waters Protection</b></p> <ul style="list-style-type: none"> <li>Are all delineated wetlands on site protected by 4' IDOT Standard Construction Fencing?</li> <li>Are all adjacent offsite wetlands protected from impact?</li> <li>Are illicit discharges into wetlands or bodies of water being prevented?</li> <li>Are wetland buffers protected?</li> </ul>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>

Inspector's Signature \_\_\_\_\_ Date of Inspection \_\_\_\_\_